## IN THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the present application:

- 1. (Currently amended) A method comprising:
- (a) creating a plurality of rows of via holes through a circuit board substrate from a first surface of the substrate to a second surface of the substrate, the plurality of rows all being defined parallel to a coordinate axis;
  - (b) forming a conductive layer on the first surface and on the second surface;
- (c) forming a conductive path through each of the via holes from the first surface to the second surface;
- (d) severing the substrate through each row of the plurality of rows of via holes and between each row of the plurality of rows of via holes along a coordinate axis, to produce a plurality of elongate substrate members, each of the elongate substrate members having a first surface formed from a portion of the first surface of the circuit board substrate; and
- (e) affixing together two or more of the elongate substrate members together in an edgewise orientation created as recited in said (a), (b), (c) and (d), to form an interposer with a plurality of conductive vias arranged in a two-dimensional array, the array being defined substantially in a plane parallel to the first surfaces of the elongate substrate members.

## 2-4. (Cancelled)

5. (Previously presented) A method as recited in claim 1, A method as recited in claim

- 1, further comprising coupling the interposer between an electronic component package and a circuit board.
- 6. (Original) A method as recited in claim 1, further comprising forming a plurality of elongate grooves in the first surface and in the second surface of the substrate, prior to said severing.
- 7. (Currently amended) A method as recited in claim [[1]] 6, wherein said grooves are formed parallel to each other between rows of via holes.
- 8. (Currently amended) A method of manufacturing an interposer, the method comprising:

creating a plurality of rows of via holes through a circuit board substrate from a first surface of the substrate to a second surface of the substrate, the first surface and the second surface being coated with a conductive material;

forming a conductive layer in each of the via holes to provide a conduction path through each of the via holes from the conductive material on the first surface to the conductive material on the second surface;

selectively removing some of the conductive material from the first surface and the second surface to form a plurality of traces on the first surface and the second surface, each trace in electrical contact with the conductive layer in at least one of the via holes; and

severing the substrate to produce a plurality of individual substrate members, by cutting the substrate through the middle of the via holes in each row of via holes and between each row every pair of adjacent rows of via holes along a particular axis.

- 9. (Original) A method as recited in claim 8, further comprising affixing two or more of the plurality of individual substrate members together to form an interposer as a substantially planar array.
- 10. (Original) A method as recited in claim 9, further comprising coupling the interposer between an electronic component package and a circuit board.
- 11. (Original) A method as recited in claim 10, wherein the electronic component package includes a semiconductor die, and wherein the circuit board is a motherboard.
- 12. (Original) A method as recited in claim 8, further comprising forming grooves in the first surface and the second surface of the substrate between the via holes.
- 13. (Previously presented) A method as recited in claim 8, wherein the conductive layer is a surface layer applied in each of the via holes.
- 14. (Original) A method as recited in claim 8, further comprising coupling at least one of the individual substrate members between an electronic component package and a circuit board.
- 15. (Previously presented) A method of manufacturing an interposer, the method comprising:

creating a plurality of via holes through a circuit board substrate from a first surface of the substrate to a second surface of the substrate;

creating a solid conductive column through each of the via holes, the conductive column forming an electrical path from the first surface to the second surface; and

forming grooves in the first surface and the second surface of the substrate between the via holes.

- 16. (Original) A method as recited in claim 15, further comprising coating the first surface and the second surface with a conductive material.
- 17. (Original) A method as recited in claim 16, further comprising selectively removing some of the conductive material from the first surface and the second surface to form a plurality of traces on the first surface and the second surface, each trace in electrical contact with the conductive column of one of the via holes.
- 18. (Cancelled)
- 19. (Original) A method as recited in claim 15, further comprising coupling the interposer between an electronic component package and a circuit board.
- 20. (Original) A method as recited in claim 19, wherein the electronic component package includes a semiconductor die and the circuit board is a motherboard.
- 21. (Original) A method as recited in claim 15, wherein each of the conductive columns has a composition of tin (Sn) and lead (Pb).
- 22. (Original) A method as recited in claim 21, wherein the composition comprises at least 81% lead (Pb).
- 23. (Original) A method of manufacturing an interposer, the method comprising:

creating a plurality of via holes through a circuit board substrate from a first surface of the substrate to a second surface of the substrate;

creating a conductive path through each of the via holes from the first surface to the second surface; and

forming a plurality grooves in the first surface and the second surface of the substrate between the via holes.

24. (Previously presented) A method as recited in claim 23, wherein said forming a plurality of grooves comprises:

forming a first plurality of grooves in the first surface of the substrate;

forming a second plurality of grooves in the first surface of the substrate, perpendicular to the first plurality of grooves;

forming a third plurality of grooves in the second surface of the substrate; and forming a fourth plurality of grooves in the second surface of the substrate, perpendicular to the third plurality of grooves.

- 25. (Previously presented) A method as recited in claim 23, wherein a conductive material is disposed on the first surface and the second surface, the method further comprising selectively removing some of the conductive material from the first surface and the second surface to form a plurality of traces on the first surface and the second surface, each trace in electrical contact with the conductive path through one of the via holes.
- 26. (Original) A method as recited in claim 23, wherein said creating a conductive path through each of the via holes comprises forming a thin conductive layer on a surface of

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each of the via holes.

- 27. (Original) A method as recited in claim 26, further comprising severing the substrate to produce a plurality of elongate beams, by cutting the substrate through the middle of the via holes in each row of via holes and between each row of via holes along a particular axis.
- 28. (Original) A method as recited in claim 27, further comprising affixing two or more of the plurality of beams together in an array configuration to form the interposer.
- 29. (Original) A method as recited in claim 23, wherein said creating a conductive path through each of the via holes comprises forming a solid conductive column through each of the via holes.
- 30. (Previously presented) A method as recited in claim 29, wherein each of the conductive columns has a composition of tin (Sn) and lead (Pb).
- 31. (Original) A method as recited in claim 30, wherein the composition comprises at least 81% lead (Pb).
- 32. (Original) A method as recited in claim 23, further comprising coupling the interposer between an electronic component package and a circuit board.